# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Saturday 11 Feb 2023 until 23:59 on Sunday 12 Feb 2023

Forecast Issued on Friday 10 Feb 2023 at 11:52

**Confidence:** High for mainly dry conditions. Medium for cloud details.

**Headline for Saturday 11 Feb 2023:** Mostly cloudy. Chilly and windy over the summits.

**Mountain weather hazards on Saturday 11 Feb 2023**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Low Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| FOG | FOG | FOG | MIST | | | | |
| Fog | Fog | Fog | Mist | Cloudy | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | | | |
| 10% | 10% | <05% | <05% | 00% | 00% | 00% | 00% |

**Forecast for Saturday 11 Feb 2023**

**Weather:** Dry and mostly cloudy overnight. Remaining mostly cloudy during daylight hours, probably quite extensive at first over the summits, but becoming patchy during the day, best of any brightness or breaks over the Eastern and Far Eastern Fells. Little change in the evening.

**Chance of cloud-free hill tops above 800m:** 30% becoming 70% in the afternoon.

**Low cloud and visibility:** Extensive, base around 600m at first, becoming occasional, base near 900m by afternoon, perhaps breaking at times, mainly in the east. Visibility poor or very poor at first at height, but mostly good or very good.

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# Met Office Mountain Weather Forecast

**Forecast for Saturday 11 Feb 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 25/32 W | 23/29 W | 23/28 W | 21/26 W | 20/26 W | 17/23 SW | 16/21 SW | 15/19 SW | 14/18 SW |
| **600** | 21/30 W | 19/27 W | 18/25 W | 17/23 W | 16/22 W | 14/19 SW | 13/19 SW | 12/18 SW | 11/16 SW |
| **300** | 9/24 W | 9/23 W | 9/23 W | 7/18 W | 8/18 W | 7/15 W | 5/14 SW | 5/14 SW | 4/12 SW |
| **Valley** | 9/23 W | 8/21 W | 8/20 W | 7/17 W | 9/18 W | 7/15 SW | 6/14 SW | 5/11 SW | 5/12 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 2/-5 | 2/-5 | 1/-5 | 2/-5 | 2/-4 | 2/-4 | 2/-4 | 1/-4 | 1/-3 |
| **600** | 4/-2 | 4/-2 | 3/-2 | 3/-2 | 4/-1 | 4/-0 | 3/-1 | 3/-1 | 3/-0 |
| **300** | 6/3 | 6/3 | 5/2 | 6/3 | 7/4 | 7/4 | 5/4 | 5/3 | 5/3 |
| **Valley** | 8/6 | 8/5 | 7/5 | 7/5 | 8/6 | 8/6 | 7/6 | 7/6 | 7/6 |
| **Freezing Level*** | 1200m | 1200m | 1100m | 1100m | 1100m | 1100m | 1100m | 1100m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Nothing further to add.

**Forecast for Sunday 12 Feb 2023**

**Weather:** Low cloud could become extensive overnight with mist and drizzle. Any mist and drizzle soon clearing in the morning and the cloud lifting and breaking, bright, perhaps sunny spells developing. Patchy cloud and clear spells in the evening.

**Maximum wind:** Southwest 15mph

**Chance of cloud-free hill tops above 800m:** 30% rising to 80% in the afternoon.

**Low cloud and visibility:** Occasional or extensive, base 600m or less at first, lifting and breaking near or above the summits during the day. Visibility moderate to very poor at first at height, becoming mostly good or very good.

**Temperature:** **Valleys:** Plus 4 rising to Plus 9 Celsius
**At 800m:** Plus 1 to 4 Celsius
**Freezing level:** Near or above the summits.

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# Mountain Weather Forecast

**Ground Conditions Supplement**

Date: Friday 10 February 2023. Location: Seat Sandal summit (736m) at 11:22 . Full report: A relatively mild and damp day with persistent light rain and hill fog. There has been little change in the ground conditions compared to the last few days. The Lakeland fells are almost entirely snow free, albeit apart from a few old patches of snow that are quite resistant to thawing. These are present on steep ground around the north and east-facing corrie rims and gully exits above roughly 900m. Some old slumping cornices are also present in these locations too. The exits to both Striding and Swirral edges still hold old patches of snow, although, with careful route choice, they can be passed without setting foot on it. Despite the fells not looking particularly wintery, wind chill (feels-like) temperatures are generally still in negative figures on the tops. Significantly reduced visibility today also made navigating quite challenging. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a headtorch, map, and compass are all essential for anyone venturing into the higher fells tomorrow. Temperature plus 3.6 C, Maximum wind speed 23.4 mph, Wind chill: minus 2.9 C, Average wind speed: 19.7 mph

Issued at: 1600 on Fri 10 Feb 2023

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